

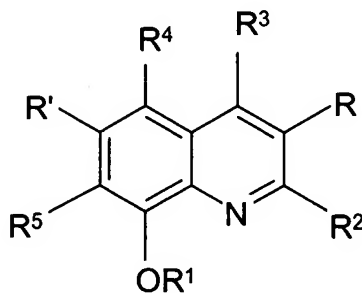
IN THE CLAIMS

The following is a listing of the claims currently pending in the above-identified application. This listing of the claims replaces all prior versions thereof. Cancellation of claims and/or subject matter in claims is without prejudice.

LISTING OF CLAIMS

1-29. (Cancelled)

30. (Currently Amended) A compound of the formula



or pharmaceutically acceptable salts, ~~hydrates or solvates~~ thereof in which

R^1 is H;

R^2 is ~~optionally substituted C_{2-6} alkenyl~~; optionally substituted aryl phenyl;

optionally substituted naphthyl; optionally substituted tetrahydronaphthyl; optionally substituted

biphenyl; optionally substituted heterocyclyl; COR^6 ; CSR^6 ; CN; $(CH_2)NR^9R^{10}$; $HCONR^9$;

$HCONR^9R^{10}$; OR^{11} ; SR^{11} ; $NR^{11}R^{12}$ or $SO_2NR^{13}R^{14}$;

R^6 is H, C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, hydroxy, optionally

substituted aryl, optionally substituted heterocyclyl, SR^7 or NR^7R^8 ;

R^7 and R^8 are either the same or different and selected from H, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl and optionally substituted heterocyclyl;

R^9 is H, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl or optionally substituted heterocyclyl;

R^{10} is hydrogen, methyl, propyl, isopropyl, butyl, isobutyl, sec-butyl, ~~tert-butyl~~, tert-butyl, pentyl, neopentyl, hexyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl or optionally substituted heterocyclyl;

R^{11} is H, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl or optionally substituted heterocyclyl or together with R^{12} form optionally substituted heterocyclyl;

R^{12} is optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl or optionally substituted heterocyclyl or together with R^{11} form optionally substituted heterocyclyl;

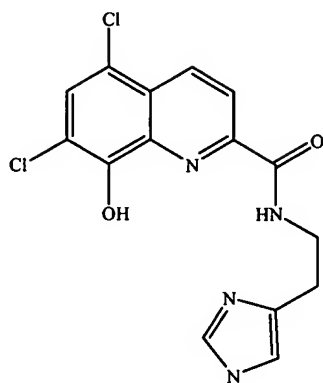
R^3 , R and R' are either the same or different and selected from H, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted C_{1-6} alkoxy, optionally substituted acyl, hydroxy, optionally substituted amino, optionally substituted thio, optionally substituted sulphonyl, optionally substituted sulphinyl, optionally substituted sulphonylamino, halo, SO_3H , amine, CN, CF_3 , optionally substituted aryl and optionally substituted heterocyclyl; and

R^4 and R^5 are chloro,

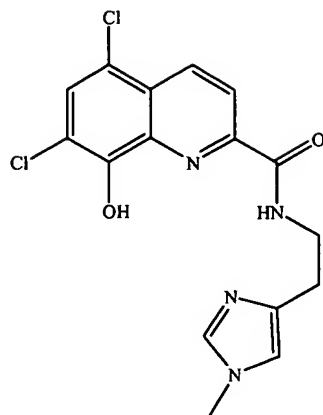
wherein the optional substituent is C_{1-6} alkyl, CF_3 , fluorine, chlorine, iodine, cyano, C_{1-6} alkoxy, 5 or 6-membered aryl, heteroaryl, amino or C_{1-6} alkylamino.

31. (Currently Amended) The compound according to Claim 30 in which either R^2 is optionally substituted ~~aryl~~ phenyl, optionally substituted naphthyl, optionally substituted tetrahydronaphthyl, optionally substituted biphenyl, optionally substituted heterocyclyl, $CH_2NR^9R^{10}$ or COR^6 or at least one of R , R^3 and R' is optionally substituted C_{1-6} alkyl, optionally substituted aryl, optionally substituted heterocyclyl, $CH_2NR^9R^{10}$ or COR^6 in which R^6 is NR^7R^8 or $NR^{11}R^{12}$.

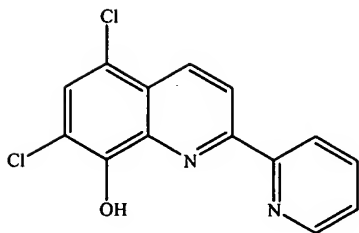
32. (Currently Amended) A compound of the formula



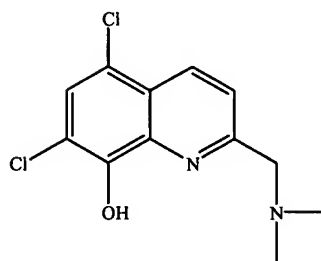
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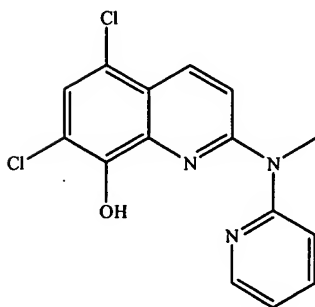
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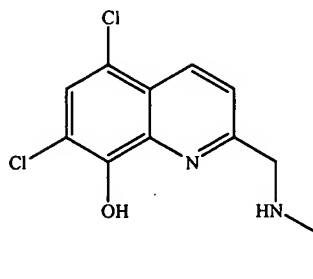
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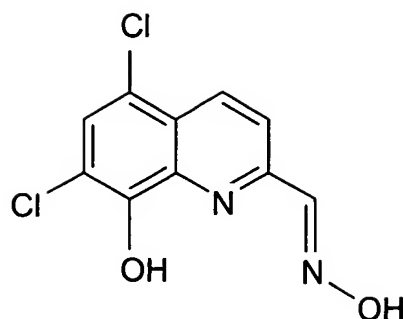
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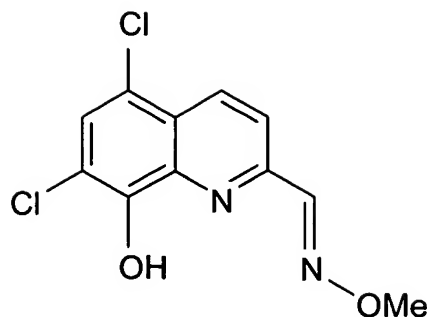
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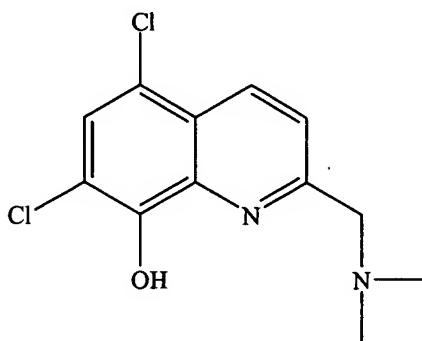
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PBT 1032

or pharmaceutically acceptable salts, ~~hydrates or solvates~~ thereof.

33. (Currently Amended) The compound according to Claim 32 having the formula



PBT 1033

or pharmaceutically acceptable salts, ~~hydrates or solvates~~ thereof.

34. (Previously Submitted) A pharmaceutical composition comprising a therapeutically effective amount of a compound according any one of Claims 30, 32 or 33 in association with a pharmaceutically acceptable carrier.

35. (Previously Submitted) The pharmaceutical composition according to Claim 34 which additionally comprises a medicament, said medicament being an inhibitor of the acetyl cholinesterase active site, an antioxidant, an anti-inflammatory agent or an estrogenic agent.

- 36. (New) A hydrate of the compound of Claim 30.
- 37. (New) A solvate of the compound of Claim 30.
- 38. (New) A hydrate of the compound of Claim 32.
- 39. (New) A solvate of the compound of Claim 32.
- 40. (New) A hydrate of the compound of Claim 33.
- 41. (New) A solvate of the compound of Claim 33.